

CLAIMS

1. A method of driving a plasma display panel, the plasma display panel including discharge cells, each discharge cell formed at an intersection of a scan electrode and a sustain electrode, and a data electrode, the method comprising:

dividing one field period into a plurality of sub-fields, each sub-field having an initializing period, writing period, and sustaining period; and

in the initializing periods of the plurality of sub-fields, performing one of all-cell initializing operation and selective initializing operation, wherein, the all-cell initializing operation causes initializing discharge in all the discharge cells for displaying an image, and the selective initializing operation selectively causes initializing discharge only in the discharge cells subjected to sustaining discharge in the preceding sub-field;

wherein, each of the initializing periods for performing the all-cell initializing operation has a former half part and a latter half part of the initializing period, and an abnormal charge erasing part, in the former half part, application of an ascending ramp waveform voltage to the scan electrodes causes a first initializing discharge using the scan electrodes as anodes and the sustain electrodes and data electrodes as cathodes, in the latter half part, application of a descending ramp waveform voltage to the scan electrodes causes a second initializing discharge using the scan electrodes as the cathodes and the sustain electrodes and data electrodes as the anodes, and in the abnormal charge erasing part, application of a rectangular waveform voltage to the scan electrodes causes self-erasing discharge

in the discharge cells having excessive wall charge accumulated therein.